

IAP3 Rec'd PCT/PTO 22 DEC 2005

FORM PTO-1390  
REV. 5-93

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEYS DOCKET NUMBER

**P05,0367**

U.S.APPLICATION NO. (if known, see 37 CFR 1.5)

**10/562302**

INTERNATIONAL APPLICATION NO.  
**PCT/SE2004/000698**

INTERNATIONAL FILING DATE  
**May 6, 2004**

PRIORITY DATE CLAIMED  
**January 6, 2006**

TITLE OF INVENTION: "APPARATUS FOR DETECTING DIASTOLIC HEART FAILURE"

APPLICANT(S) FOR DO/EO/US **MARIA TORPO; MALIN OHLANDER, ANDERS BJÖRLING AND KARIN LJUNGSTRÖM**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **Executed**
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (**PTO 1449, Prior Art, Search Report**).
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification. **Marked up version of Substitute Specification**
15.  A change of power of attorney and/or address letter.
16.  Other items or information:
  - a.  **Submission of Drawings for Publication**
  - b.  **Certified Copy of Priority Document**
  - c.  **EXPRESS MAIL EV361384801US, Mailed December 22, 2005**

U.S.APPLICATION NO. (if known) <small>See 37 C.F.R. 1.57</small> <b>107562302</b>		INTERNATIONAL APPLICATION NO. <b>PCT/SE2004/000698</b>	ATTORNEY'S DOCKET NUMBER <b>P05,0367</b>
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> (Search Report has been prepared by the EPO or JPO) ..... \$900.00 (Includes National Stage, Search, and Examination Fees)		CALCULATIONS	PTO USE ONLY
		<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>	<b>\$900.00</b>
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).			
Claims	Number Filed	Number Extra	Rate
Total Claims	37-20 =	7	X \$50.00 <b>\$350.00</b>
Independent Claims	3-3 =	0	X \$200.00 <b>\$00</b>
Multiple Dependent Claims		\$360.00 +	
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	<b>\$1250.00</b>
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)			
		<b>SUBTOTAL =</b>	<b>\$1250.00</b>
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ <b>\$00</b>	
		<b>TOTAL NATIONAL FEE =</b>	<b>\$1250.00</b>
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property		+ SEE SEPARATE ENVELOPE	
		<b>TOTAL FEES ENCLOSED =</b>	<b>\$1250.00</b>
		Amount to be refunded	
		charged	
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1250.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>501519</b>. A duplicate copy of this sheet is enclosed.</p>			
<p>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>			
<p>SEND ALL CORRESPONDENCE TO:</p> <p><u>Steven H. Noll</u> SIGNATURE</p> <p><b>Schiff Hardin LLP</b> Patent Department 6600 Sears Tower Chicago, Illinois 60606-6473 Customer Number 26574</p> <p><b>Steven H. Noll</b> NAME <b>28,982</b> Registration Number</p>			

CH1\4425288.1

The PTO did not receive the following listed item(s) 0 HCC 12/102.02

**CERTIFICATION OF MAILING**

**10/562302**

**IAP17 Rec'd PCT/PTO 22 DEC 2005**  
"Express Mail" Mailing Label Number EV361384801US

Date of Deposit: December 22, 2005

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Commissioner for Patents, MAIL STOP PCT, P.O. Box 1450, Alexandria VA 22313-1450.

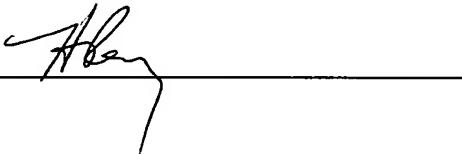
**Torpo et al.**

Application entitled: **"APPARATUS FOR DETECTING DIASTOLIC HEART FAILURE"**

Our Case No. P05,0367 (27009-0200)

Signature of person mailing application and fee

CH1\4024003.1



IAP17 Rec'd PCT/PTO 22 DEC 2005

MAIL STOP PCT  
IN THE UNITED STATES DESIGNATED OFFICE  
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY-CHAPTER II

5

**SUBMISSION OF DRAWINGS FOR PUBLICATION**

APPLICANTS: Maria TORPO et al.  
ATTORNEY DOCKET NO. P05,0367  
INTERNATIONAL APPLICATION NO: PCT/SE2004/000698  
INTERNATIONAL FILING DATE: May 6, 2004  
10 INVENTION: "APPARATUS FOR DETECTING DIASTOLIC HEART  
FAILURE"

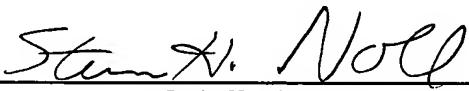
**MAIL STOP PCT**

15 Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

20 Applicants herewith submit four sheets (Figs. 1-6) of drawings in a form  
suitable for publication purposes. Figs. 1a and 1b are in the form as amended  
in Amendment "A" Prior To Action, filed simultaneously herewith.

Submitted by,

  
\_\_\_\_\_  
(Reg. 28,982)

Schiff, Hardin LLP

**CUSTOMER NO. 26574**

25 Patent Department  
6600 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606  
Telephone: 312/258-5790  
30 Attorneys for Applicants.

CH1\ 4405544.1